

ABSTRACT OF THE DISCLOSURE

A dewatering system for dewatering a material includes a pressure roller dewatering apparatus that includes two dewatering rollers parallel to each other, the distance between which is freely adjustable, and at least one water-absorbent draw-in member provided on the external periphery of the dewatering roller; a water content-controlling unit for dewatering the material until the water content of the material is reduced to a liquid limit or lower and for supplying the resulting water-content-controlled dewatered material between the two dewatering rollers, the water content-controlling unit being disposed upstream of the pressure roller dewatering apparatus; and a roller recycling unit for removing adhering matter and water from the draw-in member.